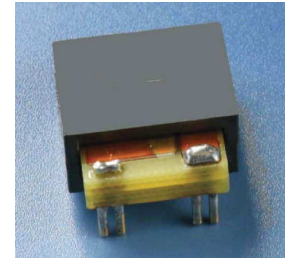




PLANAR TRANSFORMERS

PEL18 40A SERIES

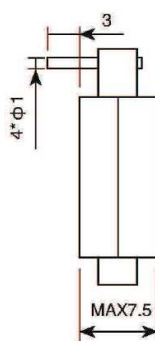
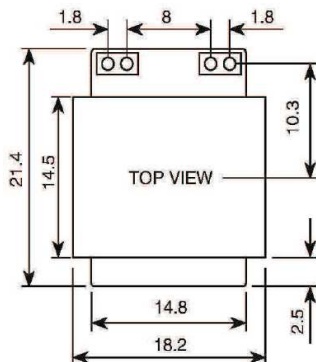
- Use EL18 planar magnetic core, multilayer PCB technique
- Use for DC/DC module power, max output rated current 40A RMS
- Working frequency: 200K - 500K
- Outline dimension: 21.4 x 18.2 x 7.5 mm
- Insulation and withstand voltage between magnetic: 1.5KVDC
- Working temperature range: -40°C - +85°C
- Weight: ≤12g



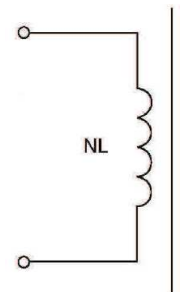
Electrical Specifications					
Part Number	Turns	Inductance μH	DCR $\text{m}\Omega$	Output Voltage (V)	I rated (DC)
PEL18L150401	3	1.5±10%	0.95	3.3	40
PEL18L200351	3	2.0±10%	0.95	5.0	35

Remarks: The inductance can be customized according to customer demand.

Dimensions (unit: mm)



Schematic



PRODUCT P/N: PEL18XXXXXX

Rev 01 1/10/17

SOUTHERN CALIFORNIA OFFICE:

15991 Red Hill Avenue, Suite #102,
Tustin, California 92780 USA

Tel:+1-714-460-0718 Fax:+1-714-460-0728

<http://www.palnova.com>

NORTHERN CALIFORNIA OFFICE:

500 Yosemite Drive
Milpitas, CA. 95035 USA

Tel:+1-408-855-8866 Fax:+1-408-855-8868